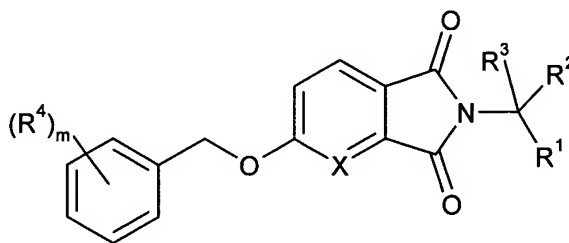


What is claimed is:

1. A method of treating or preventing a disease mediated by monoamine oxidase B inhibitors comprising administering to a patient in need of such treatment a therapeutically effective amount of at least one compound of the formula



wherein

X is  $-N=$  or  $-CH=$ ;

$R^1$  is  $-CO-NR^5R^6$ ;

$-CHR^7-(CH_2)_n-CO-NR^5R^6$ ;

$-(CH_2)_n-NR^5R^6$ ;

$-(CH_2)_n-COOR^8$ ;

$-(CH_2)_n-CN$ ;

$-CHR^7-(CH_2)_n-CF_3$ ;

$-(CH_2)_n-NH-COR^9$ ;

$-(CH_2)_n-NH-COOR^8$ ;

a heterocyclic ring-containing group selected from  $-(CH_2)_n$ -piperidinyl,

$-(CH_2)_n$ -morpholinyl,  $-(CH_2)_n$ -tetrahydrofuranyl;

$-(CH_2)_n$ -thiophenyl or  $-(CH_2)_n$ -isoxazolyl, wherein the heterocyclic ring may be substituted by  $C_1$ - $C_6$ -alkyl;

a phenyl;

$-(CH_2)_n$ -phenyl, wherein the phenyl ring may be substituted by halogen or halogen- $(C_1$ - $C_6)$ -alkyl;

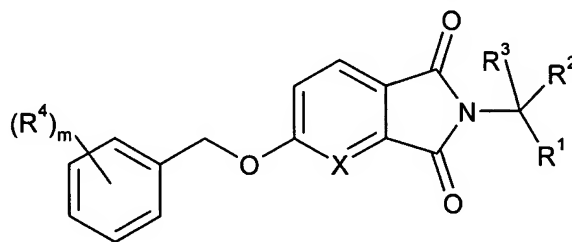
$-(CH_2)_p-OR^8$ ;

$-(CH_2)_p-SR^8$ ;

- $-(CH_2)_p-SO-R^9$ ; or  
 $-(CH_2)_n-CS-NR^5R^6$ ;  
 $R^2$  is hydrogen;  
 $C_1-C_6$ -alkyl;  
 $-(CH_2)_p-OR^{10}$ ;  
 $-(CH_2)_p-SR^{10}$ ; or benzyl;  
 $R^3$  is hydrogen or  $C_1-C_6$ -alkyl;  
 $R^4$  is halogen, halogen- $(C_1-C_6)$ -alkyl, cyano,  $C_1-C_6$ -alkoxy or  
 halogen- $(C_1-C_6)$ -alkoxy;  
 $R^5$  and  $R^6$  are independently from each other hydrogen or  $C_1-C_6$ -alkyl;  
 $R^7$  is hydrogen, hydroxy or  $C_1-C_6$ -alkoxy;  
 $R^8$  is hydrogen or  $C_1-C_6$ -alkyl;  
 $R^9$  is  $C_1-C_6$ -alkyl;  
 $R^{10}$  is hydrogen or  $C_1-C_6$ -alkyl;  
 $m$  is 1, 2 or 3;  
 $n$  is 0, 1 or 2; and  
 $p$  is 1 or 2;  
 or a pharmaceutically acceptable salt thereof.

2. The method according to claim 1 wherein the disease comprises Alzheimer's disease and senile dementia.

3. A process for the manufacture of a compound of formula I



I

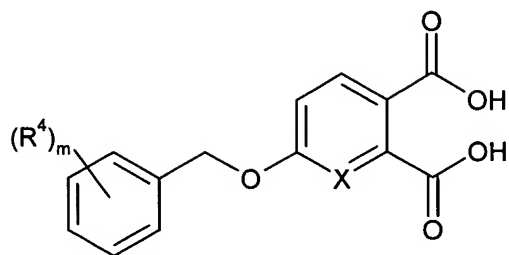
wherein

- $X$  is  $-N=$  or  $-CH=$ ;  
 $R^1$  is  $-CO-NR^5R^6$ ;

- $-\text{CHR}^7-(\text{CH}_2)_n-\text{CO}-\text{NR}^5\text{R}^6$ ;  
 $-(\text{CH}_2)_n-\text{NR}^5\text{R}^6$ ;  
 $-(\text{CH}_2)_n-\text{COOR}^8$ ;  
 $-(\text{CH}_2)_n-\text{CN}$ ;  
 $-\text{CHR}^7-(\text{CH}_2)_n-\text{CF}_3$ ;  
 $-(\text{CH}_2)_n-\text{NH}-\text{COR}^9$ ;  
 $-(\text{CH}_2)_n-\text{NH}-\text{COOR}^8$ ;  
 a heterocyclic ring-containing group selected from  $-(\text{CH}_2)_n$ -piperidinyl,  
 $-(\text{CH}_2)_n$ -morpholinyl,  $-(\text{CH}_2)_n$ -tetrahydrofuranyl;  
 $-(\text{CH}_2)_n$ -thiophenyl or  $-(\text{CH}_2)_n$ -isoxazolyl, wherein the heterocyclic ring  
 may be substituted by  $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 a phenyl;  
 $-(\text{CH}_2)_n$ -phenyl, wherein the phenyl ring may be substituted by halogen or  
 halogen- $(\text{C}_1$ - $\text{C}_6)$ -alkyl;  
 $-(\text{CH}_2)_p-\text{OR}^8$ ;  
 $-(\text{CH}_2)_p-\text{SR}^8$ ;  
 $-(\text{CH}_2)_p-\text{SO}-\text{R}^9$ ; or  
 $-(\text{CH}_2)_n-\text{CS}-\text{NR}^5\text{R}^6$ ;  
 $\text{R}^2$  is hydrogen;  
 $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 $-(\text{CH}_2)_p-\text{OR}^{10}$ ;  
 $-(\text{CH}_2)_p-\text{SR}^{10}$ ; or benzyl;  
 $\text{R}^3$  is hydrogen or  $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 $\text{R}^4$  is halogen, halogen- $(\text{C}_1$ - $\text{C}_6)$ -alkyl, cyano,  $\text{C}_1$ - $\text{C}_6$ -alkoxy or  
 halogen- $(\text{C}_1$ - $\text{C}_6)$ -alkoxy;  
 $\text{R}^5$  and  $\text{R}^6$  are independently from each other hydrogen or  $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 $\text{R}^7$  is hydrogen, hydroxy or  $\text{C}_1$ - $\text{C}_6$ -alkoxy;  
 $\text{R}^8$  is hydrogen or  $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 $\text{R}^9$  is  $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 $\text{R}^{10}$  is hydrogen or  $\text{C}_1$ - $\text{C}_6$ -alkyl;  
 $m$  is 1, 2 or 3;  
 $n$  is 0, 1 or 2; and  
 $p$  is 1 or 2;

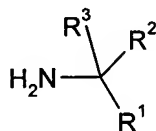
which process comprises

a) reacting a compound of formula



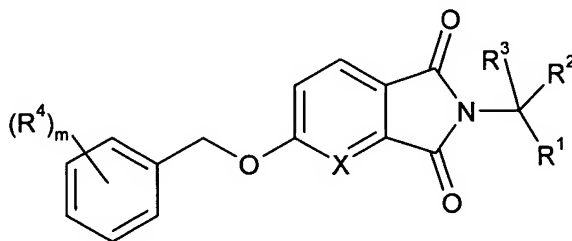
II

with a compound of formula



III

4. A process for the manufacture of a compound of formula I



I

wherein

X is  $-N=$  or  $-CH=$ ;

$R^1$  is  $-CO-NR^5R^6$ ;

$-CHR^7-(CH_2)_n-CO-NR^5R^6$ ;

$-(CH_2)_n-NR^5R^6$ ;

$-(CH_2)_n-COOR^8$ ;

$-(CH_2)_n-CN$ ;

$-CHR^7-(CH_2)_n-CF_3$ ;

$-(CH_2)_n-NH-COR^9$ ;

$-(CH_2)_n-NH-COOR^8$ ;

a heterocyclic ring-containing group selected from  $-(CH_2)_n$ -piperidinyl,

$-(CH_2)_n$ -morpholinyl,  $-(CH_2)_n$ -tetrahydrofuranyl;

$-(CH_2)_n$ -thiophenyl or  $-(CH_2)_n$ -isoxazolyl, wherein the heterocyclic ring may be substituted by  $C_1$ - $C_6$ -alkyl;

a phenyl;

$-(CH_2)_n$ -phenyl, wherein the phenyl ring may be substituted by halogen or halogen- $(C_1$ - $C_6)$ -alkyl;

$-(CH_2)_p-OR^8$ ;

$-(CH_2)_p-SR^8$ ;

$-(CH_2)_p-SO-R^9$ ; or

$-(CH_2)_n-CS-NR^5R^6$ ;

$R^2$  is hydrogen;

$C_1$ - $C_6$ -alkyl;

$-(CH_2)_p-OR^{10}$ ;

$-(CH_2)_p-SR^{10}$ ; or benzyl;

$R^3$  is hydrogen or  $C_1$ - $C_6$ -alkyl;

$R^4$  is halogen, halogen- $(C_1$ - $C_6)$ -alkyl, cyano,  $C_1$ - $C_6$ -alkoxy or halogen- $(C_1$ - $C_6)$ -alkoxy;

$R^5$  and  $R^6$  are independently from each other hydrogen or  $C_1$ - $C_6$ -alkyl;

$R^7$  is hydrogen, hydroxy or  $C_1$ - $C_6$ -alkoxy;

$R^8$  is hydrogen or  $C_1$ - $C_6$ -alkyl;

$R^9$  is  $C_1$ - $C_6$ -alkyl;

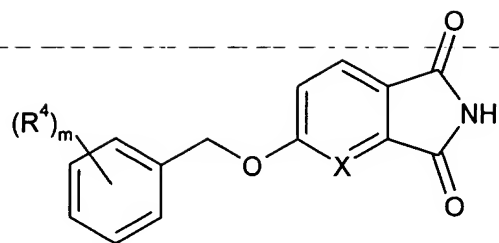
$R^{10}$  is hydrogen or  $C_1$ - $C_6$ -alkyl;

m is 1, 2 or 3;

n is 0, 1 or 2; and

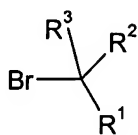
p is 1 or 2;

which process comprises reacting a compound of formula



IV

with a compound of formula



V

5. The process according to claim 3 further comprising converting the compound into a pharmaceutically acceptable salt.
6. The process according to claim 4 further comprising converting the compound into a pharmaceutically acceptable salt.